

OKWO - Kaiwaloa

Date first used	Kaiwaloa OKWO 1-1		Survey Dates										
			8/10/94	1/17/95	9/14/95	3/10/96	8/22/96	3/2/97	8/6/97	12/29/97	7/21/98	1/28/99	7/9/99
8/11/94	<b>RP#1</b>	Palm on edge of beach	RP#1	RP4	RP1	RP1	-	BSRP	BSRP	SRP	SRP	SRP	SRP
8/11/94	<b>RP#2</b>	8th step from top (W/SWD corner)	RP#2	-	RP2	RP2	-	-	-	-	-	-	-
8/11/94	<b>RP#3 **</b>	Palm in yard ( 61-669 Kam Hwy)	RP#3	RP3	BRP	BRP	BRP	BRP	BRP	RP3	-	BSRP	-
8/11/94	<b>RP#4</b>	Concrete slab surrounding house	RP#4	-	RP4	-	-	-	-	-	-	-	-
8/11/94	<b>RP#5</b>	Top Step of 61-661 Kam Hwy	RP#5	RP5	-	-	-	-	-	-	-	LOST	-
1/17/95	<b>RP#6 *</b>	PK in concrete slab	-	GPS1	-	-	-	-	-	-	-	-	-
3/10/96	<b>RP#7 ***</b>	Top Step of 61-669 Kam Hwy	-	-	-	NEW.SRP	BSRP	-	-	BRP	BRP	BRP	BRP?
8/22/96	<b>RP#8</b>	W-SWD corner of bottom step (#9)	-	-	-	-	FSRP	FRP	FSRP	FRP	FRP	FRP	FRP?
3/2/97	<b>RP#9</b>	E-SWD corner of bottom step (#9)	-	-	-	-	-	FSRP	-	-	-	-	-
	<b>Line Number</b>		A	A	A	A	A	B	A	C	C	C?	C?
	<b>Start of Line bearing</b>		base.RP3 328°	base.RP3	near.RP3	base.steps 328°	near.RP3	near.RP4 328°	base.RP3 328°	ON.RP8 320°	ON.RP7 318°	at.BRP	
* = new PK nail or other marker													
Location: <b>Profile line is stairs leading to beach at 61-669 Kam. Hwy. Access beach from 61-667B Kam Hwy., across st. from Meadow Gold</b>													
LINE A: Runs from RP3 tree offshore, lined up with MS													
LINE B: Runs from RP3 to RP8--not shore-normal													
LINE C: Runs along west side of stairs													
RP#1 <b>Nail 1m up on NNE side of palm located 4m mN of stairs near veg. line</b>													
RP#2 <b>Chip on west seaward corner of 2nd step from bottom (8th from top). 2" in diagonally.</b>													
RP#3 <b>Nail at 1.5m on seaward side of palm in N side of backyard of 61-669 Kam Hwy.</b>													
RP#4 <b>Landward corner of westernmost edge of concrete slab surrounding #61-667B house. 2m landward of cassarina.</b>													
RP#5 <b>West landward corner of top concrete step of beach stairs at 61-661 home.</b>													
RP#6 <b>PK in concrete slab surrounding #61-667B house west of beach stairs/GPS1</b>													
RP#7 <b>West seaward corner of top step of beach stairs at 61-669 Kam Hwy</b>													
RP#8 <b>West-seaward corner of bottom step of beach stairs (#9) at 61-660 Kam Hwy.</b>													
RP#9 <b>East-seaward corner of bottom step of beach stairs (#9) at 61-660 Kam Hwy.</b>													
GPS1 OKWL (aka KWL1): RP6, PK nail in crack in sidewalk, 2m west, 0.5m south of grass													
GPS2 KWL2: In sand online													
NOTES:													
1/17/95 GPS survey. Some uncertainty in locations.													
1/28/99 No survey line identified													
7/9/99 No survey line identified.													
No RPs identified.													
GPS Positions Longitude Latitude Elevation (meters above local tidal datum)													
OKWL -158.088745 21.616051 5.266													
KWL2 no position calculated													
* Primary GPS for elevation control; RP6/GPS1 = 5.266													
** LINES A and C: Primary reference point; RP3/BRP = 6.767													
***LINE B: Primary reference point RP7/BRP = 5.241 (March96)													